

From: [Sanchez, Carlos](#)
To: [Miller, Garyg](#)
Subject: RE: engineering seal
Date: Wednesday, September 18, 2013 11:39:33 AM

Gary,

My understanding is the same as Anne. I am not aware of engineering seal required for an FS or workplans. The engineering seal should be required for as-built documents where the engineer is certifying that the work was completed in-accordance with the drawings. CAS

From: Miller, Garyg
Sent: Wednesday, September 18, 2013 11:08 AM
To: Sanchez, Carlos
Subject: FW: engineering seal

Carlos,

See below; do you agree that the RD plans/specs & as-builts need engineering seals, but not the FS? In any event, the requirements for PEs is a state requirement that the PE is responsible to comply with.

Thanks,

Gary Miller
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From: Foster, Anne
Sent: Wednesday, September 18, 2013 10:53 AM
To: Miller, Garyg
Subject: RE: engineering seal

In our AOCs and RD/RA CDs, the only documents usually requiring some kind of professional engineer's seal are final as-built drawings submitted with completion reports, where the engineer has to make a certification. Ask Carlos, but I wouldn't think the FS would require anything like that.

From: Miller, Garyg
Sent: Wednesday, September 18, 2013 7:28 AM
To: Stephen Ellis
Cc: Salinas, Amy; Foster, Anne
Subject: RE: engineering seal



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Stephen,

Yes, that is true. The San Jacinto submittals haven't been sealed to date; question is, however, what is considered an engineering document? If its prepared by an engineer, or its design drawings or specs prepared by an engineer, it must be sealed, however, many submittals are prepared by geologists, scientists, hydrologists, etc., and are not design drawings & specs. The reports previously have mostly been assessments that rely heavily on science & not engineering. Generally I have seen that design plans are sealed, but the RI & FS are not. Perhaps the appropriate parts of the FS that would likely be prepared by engineers, such as the cost estimates, maps showing the design of the various alternatives, etc., should be sealed? Maybe the whole FS? (not sure what the requirements are for parts of a report). I would appreciate any thoughts you or others may have on that.

Thanks,

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From: Stephen Ellis [<mailto:stephen.ellis@tceq.texas.gov>]
Sent: Tuesday, September 17, 2013 2:05 PM
To: Miller, Garyg
Subject: engineering seal

Gary,

An engineer in our office who is helping me with the FS review was asking about sealed drawings. Hadn't really thought about it before, but he is saying someone licensed in Texas must seal all engineering documents. Has this been done for San Jacinto? Have you seen the originals?

Stephen Ellis
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